

*A2*  
that if said filter to be selected is to be a time filter, said filter is further selected on the basis of a  
Doppler frequency of the estimated channel.

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**REMARKS**

Claims 1-12 remain in the application. Claims 4-6 and 10-12 have been amended to eliminate multiple dependencies. Attached hereto is a marked up version of the changes made to claims 4-6 and 10-12 by the current amendment. The attached page is captioned "**Version with markings to show changes made.**" The filing fee has been calculated based upon these amendments to the claims.

Respectfully submitted,

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE****In the claims:**

4. (Amended) Device (20) according to claim 2 or 3,

**characterized in,**

that the estimated carrier is a wanted carrier power value at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

5. (Amended) Device (20) according to claim 3 or 4,

**characterized in,**

that if said filter to be selected is to be a frequency filter, said filter is further selected on the basis of a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

6. (Amended) Device (20) according to ~~one of the claims 3 to 5~~ claim 3,

**characterized in,**

that if said filter to be selected is to be a time filter, said filter is further selected on the basis of a Doppler frequency of the estimated channel.

10. (Amended) Device according to claim 8 or 9,

**characterized in,**

that the estimated carrier is a wanted carrier power value at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

11. (Amended) Method according to claim 9 or 10,

**characterized in,**

that if said filter to be selected is a frequency filter, said filter is further selected on the basis of a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

12. (Amended) Method according to ~~one of the claims 9 to 11~~ claim 9,  
**characterized in,**

that if said filter to be selected is to be a time filter, said filter is further selected on the basis of a Doppler frequency of the estimated channel.

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